

**ENGINEERING DIVISION Y-12ERS WORK BOTH OUTSIDE AND INSIDE** in their jobs of continual inspection and supervision of building expansion and improvement as well as of machinery and equipment. At left, from left, H. F. Akin and C. R. Kasperek, both of Project Engineering, discuss a building expansion and improvement job with W. E. Stanton, center, a contractor's representative. In the picture at right, Industrial Engineering personnel are testing a 1,600 ton refrigerator compressor for noise level, compressor vibration and air flow through the 2,000 horsepower motor. From left are E. E. Choat, J. W. Hodges, J. C. Little and P. J. Breman.

## Y-12ers Urged To Get New Badges At Once

**July 18 Is Deadline To Honor Old Badges**

Distribution of the new Y-12 metered "take home" identification badges began at the self service racks at plant portals last Friday and proceeded smoothly. Now, Y-12ers are reminded that the old badges expire on July 18 and will not be honored for admittance to the Y-12 Plant after that date.

For that reason, all employees who for any reason have not picked up their new badges are urged to do so as soon as possible. These include those who have been on vacation or out because of illness.

Another exchange of badges is scheduled for October 1 and every three months thereafter. Any Y-12er who wants his new badge at a portal different from the one from which he received the current badge must fill out another IBM card, certifying the new portal location desired, and send it to the Security Department. These cards may be obtained at the self-service badge racks, guard posts, pay portals and the Stores and Property Departments.

## ORNL Physics Division Sets Two Seminar Meets

Two seminar sessions have been announced by the Physics Division of the Oak Ridge National Laboratory, to be held on Thursday and Friday afternoons of this week, July 7 and July 8. Both seminars will be held at 3:15 p.m. in the auditorium of Bldg. 4500, ORNL. J. Sheridan, University of Birmingham, England, will speak at the Thursday meeting. His subject will be "Recent Microwave Studies of the Structure of Simple Molecules." G. C. Morrison, University of Chicago, will speak on Friday. His topic will be "Nuclear Reaction Products from the Lithium Bombardment of  $Li^6$  and  $Li^7$  Targets." Y-12ers interested in either meeting are invited to attend.

### MARKETS ARE TOUGH

New products are being introduced in the market place at the rate of 26 a day—and failing at the rate of 23 a day, an industrial design magazine reports.



**AFTER BEING INSPECTED, SEE PICTURE BELOW,** a new automatic sprinkler system is given a final test, above. The system employs a new type of large-capacity spray nozzle and is one of the first installations of its kind in the country.

## Campbell Reelected Red Cross Chairman

**Other Y-12ers To Serve On Board Of Directors**

At the year-ending board of directors meeting of the Oak Ridge Chapter of the American Red Cross, James E. Campbell, of Industrial Relations, was re-elected chairman by unanimous vote.

Eighteen Gray Ladies were presented pins and were capped in formal ceremonies which officially began their volunteer activities at the hospitals. Officially representing the Oak Ridge Hospital was Director Paul Bjork, and Mrs. C. L. McCallum, nursing supervisor.

After reviewing the chapter's activities for the past fiscal year, Campbell read the newly appointed members of the board, who will serve for three years. Among the Y-12ers appointed were Robert T. Cantrell, Recreation; George Everitt, Shift Superintendent's Office; Earl E. Goode, Cashier and Travel; Leo F. Hemphill, Engineering Division; and Jim Young, Publications.

### LUNG CANCER DANGEROUS

Lung cancer, the chief cause of cancer death in men, killed 30,000 men and 5,000 women last year. The total of 35,000 deaths is over five times as many as 20 years ago. The American Cancer Society is supporting research in all phases of lung cancer.

### EXPLAINS A LOT

Twice as many women as men suffer from high blood pressure in the United States. Maybe that explains a lot.



**THE ENGINEERING DIVISION** works closely with other plant divisions and departments in matters of safety and fire protection. This group is making final inspection of a new automatic sprinkler system (see above picture). From left are Gentry Underwood, Project Engineering; J. T. Blackmon, Piping Engineering; Robert Kemper, Project Engineering; and W. O. Elam, Fire and Guard Department.

## D Shift Picnic Drew 150 Guests For Enjoyable Time

Approximately 150 D Shift Y-12ers and members of their families enjoyed the shift picnic held last Wednesday, June 29, at Cove Lake State Park near Caryville. The crowd enjoyed a picnic lunch, games and contests. In drawings for prizes J. D. Tolliver won an ice box, Ruby Myers and Clyde Bowen, badminton sets; Betty Floyd, ice cream freezer; Mildred Bailey, croquet set; Stanley Smith, picnic jug; Dianne Bailey, picnic basket; and Susan Shabot, barbecue grill.

## Engineering Division Contributes Substantially To Safety Record

**Group Has Operated More Than 13 Years Without Disabling Injury To Employee**

Every Union Carbide Nuclear Company employee in the Y-12 Plant Area has every reason to be proud—and satisfied—over the splendid overall safety record established during the past several years. Also, everyone realizes that the success of the plant accident-prevention campaign that has brought the number of hours of plant operation without a disabling injury to nearly 7,000,000 is not the result of chance—but the result of hearty cooperation between divisions, departments and individuals throughout the plant.

### Not All Office Work

One of the most substantial contributors to the magnificent safety performance in the Y-12 Plant Area is the Y-12 Engineering Division. At first glance—outsiders might believe that the Y-12ers in the various Engineering Division departments are not exposed to as many accident hazards as employees in other divisions. However, the Engineering Division work is not all office work over drafting boards and blueprints. It involves field work and inspections—sometimes presenting considerable hazards. Many engineers wear protective safety equipment, such as hard hats and safety shoes, on their job to avoid injuries.

The safety-consciousness of the Engineering Division is shown in the figures compiled by the Safety Department.

### 4,810 Accident-Free Days

As of July 1, the Engineering Division has worked 13 years, two months since the last disabling injury was reported. That covers a period of 4,810 days and approximately 5,445,977 hours of operations. The Engineering Division is the only one in the Y-12 Plant, with the exception of the Superintendents Division — without a single doctor's case and no motor vehicle mishaps for the entire year of 1959.

Engineering Division Superintendent W. E. Heckert is one of the strongest advocates of safety in the entire plant. Realizing that his employees perhaps do not face the accident hazards as those of other divisions, he nevertheless is alert to the menace of complacency to the continuance of the division's fine record. Safety meetings are frequent and Y-12ers in the Engineering Division are kept aware of all the latest steps being taken throughout the plant to further the cause of safety.

### Safe Designing Objective

Not only by avoiding disabling injuries themselves does the Engineering Division help to keep the safety record of the plant rolling

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## ORGBP Man Appointed Oak Ridge UF Chairman

**H. W. Sherrod 16-Year Resident Of Community**

Harold W. Sherrod, of the Oak Ridge Gaseous Diffusion Plant Training Division, has been appointed Oak Ridge Chairman of the United Fund, according to Fund Chairman John Fox.

Sherrod, who lives at 109 Decatur Road, Oak Ridge, has been a resident of these parts for the past 16 years. He was in the Knoxville office of the Tennessee Valley Authority before coming to Oak Ridge Gaseous Diffusion Plant. He and his wife, Jane, leaders in the Elm Grove community, have two children — Joe, a Y-12er in Beta 4 Heavy Machine Shop; and Mrs. Sandra Springfield, a resident of Cocoa Beach, Fla.

A former member of the Community Chest Board, Sherrod has been active in church work at the First Baptist Church, having held positions as training union director, and Sunday School teacher, and is presently associate Sunday School superintendent. In the early days of the church here he helped establish various athletic leagues among the youth at First Baptist and the community in general. He is past president of the East Tennessee Chapter of the American Society of Training Directors.

John Fox, Anderson County Fund Director for 1960, points out that Sherrod will be in charge of all United Fund-Community Chest-Red Cross Fund activities for the city of Oak Ridge, and that his past experience in civic and community projects makes him particularly well suited for this undertaking.

## Jobs And Manufacturing Lead Population Growth

In the past 100 years the population of the United States has increased seven times. However, the total output of manufactured goods by the nation has multiplied 25 times. A century ago machines did only six per cent of the work, now they perform 94 per cent.

Yet there are more jobs available today per 1,000 population than ever before. This is true because while new machines may displace workers temporarily, they ultimately create additional jobs.

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
**203 Days Or 6,745,000 Man Hours**  
(Unofficial Estimate)  
**Without A Disabling Injury**  
Through June 30  
Phone 7755  
For Daily Report  
On Accident-Free Hours



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
Division Of  
UNION CARBIDE CORPORATION

GEORGE W. DOBBS Editor

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## Son Of Y-12er Wins ROTC, Diamond Honors At ETSC



Cadet Capt. A. E. Cowan

Climaxing a successful collegiate career at East Tennessee State College at Johnson City recently was Cadet Capt. Arthur Eugene Cowan, of Oak Ridge—son of Y-12 Guard George A. Cowan. Captain Cowan—known best to family and friends as “Gene”—is 22 years old and graduated from the Johnson City Institution this year with honors.

Among other honors received was being listed as among the outstanding members of the ETSC Reserve Officers Training Corps unit, Co. F of the ROTC unit, commanded by Captain Cowan, received a streamer as the best company in the unit and Cowan was presented a silver tray in recognition of his proficiency in command.

For the past two years at ETSC Gene Cowan has been an outstanding baseball player and in the 1960 season was picked on the all-conference team in the Ohio Valley Conference. He hit .317 and performed well at third base.

Gene Cowan is a graduate of Oak Ridge High School in the class of 1955, where he was active in athletics and school affairs.

Following a summer vacation young Cowan is planning to return to ETSC to continue his studies toward a master's degree.

## Paul L. Alspaugh Named Olefins Vice President

Paul L. Alspaugh has been appointed a vice-president of Union Carbide Olefins Company, division of Union Carbide Corporation, it has been announced by H. D. Kinsey, division president.

Alspaugh has been manager—planning for Union Carbide Metals Company since the early part of this year. Before that he was product manager—titanium for the Metals Company for two years. He joined the Corporation in 1928 at South Charleston, W. Va., as an engineer for Union Carbide Chemicals Company.

Born in Canal Winchester, Ohio, he is an alumnus of Ohio State University and has the degree of B.S. in mechanical engineering received in 1928.



All you Y-12 bachelors are again warned that it still is Leap Year—so just remember that a wedding ring is like a tourniquet, it stops your circulation.

Which also is a reminder to the Colyum Conductor to get into circulation one more time with the chit chat about folks—

## ENGINEERING

Those many friends in the Engineering Division and throughout the plant of the late beloved **Elmore Koons, Sr.**, were glad to hear from his son, E. W., Jr., better known as Bill, a former Y-12er, from Atlanta, of the birth on June 21 of a third son to that family. Bill used to be with Buildings and Grounds in the Maintenance Division. The latest addition to the Bill Koons family weighed eight pounds, three ounces on arrival and was named David Lawrence. His “big brothers” are E. W. Koons, III, 5; and Johnny, 3. Their dad is a vice president of a wholesale cigar firm in Atlanta. Before his death January 13, Elmore Koons, Sr., was with Contract Administration Engineering.

Mechanical Engineering reports all is quiet on the home front this week. A hot item of interest is that **Frank Clayton** has been added to the Bldg. 9215 lodge of the department.

**Jack West** will be entertaining his sister from Kentucky this week end. **Jim Bozyk** decided to go home to Yankeeeland for a vacation visit with his folks in Detroit. The **Earl Smiths** are up in Akron, Ohio. **Jerry Schulte** reports “indecision is a terrible thing.” He doesn't know yet whether he will go to Newport or Cookeville, but pals bet he will have a good time. **Dave DeWalt** plans to spend a week end working on the A.C. Gun Club building.

**Art Brewer, Bill Gent** and **Don Stinnett** were last seen heading for automobile races at Courtland, Ala. **Tommy Swindell** is on a new lark—let it be quickly said that said Lark is an automobile.

**Eleanor Bennett** journeyed to Cumberland Falls, Ky., over the holiday week end. **John Gibson** vacationed in Chattanooga and Huntsville, Ala. **H. E. Coppock** and family are resting at home and on the lake—didn't say which lake. Seen: One Beatnik around the premises. On second look it was revealed it was NOT a Beatnik but hiding behind the facial shrubbery was **W. I. Galyon**.

Piping Engineering pipes up with word that **G. L. Dykeman** and family will be up in Alton, Ill., helping his parents to celebrate their 50th wedding anniversary. **J. C. Burns** and folks are spending a few days in Chattanooga. The **H. D. Landrys** are visiting relatives in Mobile, Ala., and points in Mississippi. **J. C. Clark** is vacationing at home with his family in Knoxville. **C. C. Brown**, wed last week in Knoxville, and he and his bride are honeymooning in Daytona Beach, Fla.

## MECHANICAL OPERATIONS

It's good news for—and from—Production Control and many friends of **Milt Dickens**. He's at home again after a long spell of hospitalization following a nasty automobile crack up several months ago. Now he's just waiting for the ankle bone to connect with the leg bone, the leg bone to connect with the thigh bone and so on around his anatomy. Milt hopes to be back amongst his pals soon—and meantime he extends thanks to all the Y-12ers who trekked over to University Hospital in Knoxville during his stay there to spread joy and light around his cubicle.

The sick list of the TW Shop still is headed by **G. Hyatt** and **C. E. Jennings**, who were joined last week by **J. F. Chapman**, H-2 foreman; and **W. B. Stephens**, suffering from a leg injury. Get well wishes go to one and all. **J. L. Donahue** is vacationing on and around the area lakes. **M. Jennings** hied

himself to Huntsville, Ala. **H. M. Malicoat** meandered down to Jacksonville, Fla. **R. E. Watkins** is visiting relatives in West Texas. **C. H. Radford** rambled to Evergreen, Ala. Stay-at-home vacationers include **H. R. Mullins**, **E. D. Folden**, **E. H. Giles**, **D. A. Davis** and **B. G. Nelson**.

The Beta Four Heavy Machine Shop is happy with **Bruce Dyer**, who became the Proud Pop of a baby girl born June 4, named Deborah Ann and weighing eight pounds, four ounces on arrival. Vacationers tumbling out of the department this week include **V. H. Culberson**, taking in the sunshine at St. Petersburg, Fla. **M. H. Golson** is across the state at Daytona Beach doing likewise. Down in Sarasota is **J. D. Allen** and elsewhere in Florida is **T. E. Verner**. The Watts Bar Lake fishing is attracting **B. H. Heidel**. **T. D. Foust** is dittoing on Ft. Loudoun Lake. **T. Overton** is in Dayton, Ohio. **S. A. Peters** moseyed over to Memphis. **L. M. Hayes** is seeing the sights in Washington, D. C. **G. H. Blakely** is in Virginia. **L. N. Moncier** in Maryland and **C. F. Peterson** in West Virginia.

**Jim Thorpe** is taking it easy at home in Oak Ridge and there are flock of other taking-it-easy folks who didn't leave forwarding addresses. **C. W. Johnson** is back from a spell of National Guard training at Ft. Stewart, Ga. **Ralph Vaughan** is back from Panama City, Fla., with a bee—oo—tiful tan. Get well wishes are rushed to **N. E. Hoffman**, who injured his back while working on his son's automobile—the extent of the injury is not yet determined. Condolences are extended **R. L. McIlwain**, whose father, **R. W. McIlwain**, died recently in Waynesboro, Miss.

Considered by **Neal White**, Rolling and Forming, as the most desirable vacation spot there is—home. **O. H. Harmon** is another home vacationer, and reports his spouse will have her vacation after he returns to toil.

The General Machine Shop extends its sympathy to **Russell Hopper**, whose father, **Grover Hopper**, died June 30 in Barbourville, Ky. Get well wishes go to the wife of **Don Pitt**—she is recovering from surgery in Oak Ridge Hospital. **Warren F. Cartwright** and family spent the July 4 holiday week end in Anniston, Ala., to attend the wedding of his niece. The welcome mat was rolled out last week to newcomers **H. D. Foster**, **W. R. Burrell**, **W. H. Bratcher**, **J. D. Griffin**, **H. S. Weaver**, **E. C. Edwards** and **D. W. Wassum**. Vacationers are many and widespread. **Janice Gore** is in Daytona Beach. **Louis Gillis** is over in Nantahala Forest, N. C., to fish and rest. **Marvin Bates** is trying out the fishing at Center Hill Lake and then will visit his mother at Spring City.

**Fred Vaughn** is visiting his wife's kin folks in Virginia. **Tom Howard** is in Cleveland, Ohio, visiting a son. **L. Gibson** is spending the week with in-laws in Johnson City. **Buck Hale** is down in Alabama. **W. G. Shaw** and **R. L. Luttrell** are at their Lenoir City homes. **W. O. Thompson** paraded to Panama City, Fla. **Fred Williams** is resting up at home in Oak Ridge. **F. R. Monroe** went up to that “biggest hole in the ground” at Mammoth Cave, Ky. **F. C. Wheeler** is entertaining relatives from California.

## SHIFT SUPERINTENDENTS AND UTILITIES

The **H. N. Benninghoff** family—he's in the PSS Office—celebrated the Glorious Fourth by cruising around Center Hill Lake, fishing. Utilities sends rapid recovery wishes to ailing **G. R. Beasley**. Also to Mrs. **K. E. Caughron**, recovering from surgery in University Hospital, Knoxville. The **J. L. Finchum** family gathered for a family reunion with kin folks up in Jefferson City over the July 4 week



Mr. and Mrs. Wayne Lankford



Get well wishes are extended the following Y-12 employees who were patients last week at the Oak Ridge Hospital:

**Cordia M. Bledsoe**, Medical; **O. C. Axley**, Earl Bailey and **V. A. Stanley**, Research Services; **J. D. Collins**, Property Sales; **T. L. Boshears**, Stores; **A. T. VanDyke**, Alpha Four Cascade Operations.

**G. L. Carson** detoured to Cincinnati to see some ball games while en route home from a visit to his parents in Oneida. **J. D. Tolliver** is visiting relatives in Harlan and Williamsburg, Ky., and may stop in Stearns, Ky., to look that town over—it shouldn't take him long. **L. Walker** is deep sea fishing off Homestead, Fla.

The Steam Plant has the **R. P. Mann** family vacationing with kin folks in Brownsville, Tenn. **Scotty Elsbee** visited his mother in Sunbright over the July 4 holiday.

## FINANCE AND MATERIALS

That Arkansas Traveler, **Bonnie Reesor**, of the Cashier and Travel Office (she's the gal who tells Y-12ers where to go and how to get there) is seeing kin folks in the Razorback State this week.

Other F&M vacationers this week include **Glen Kindred**, Timekeeping, at Rockwood; **Ray Reagan**, Traffic, in Knoxville; and **Orel Hartman**, Mail Room, at his home over in the Solway community.

## CHEMICAL OPERATIONS

Catching up with his fishing while resting at his Ol' Virginny farm occupied the vacation time of **T. S. Arnold**, Colex Operations. **Winfred Ray** is visiting home town friends and relatives in Clifton, Tenn. **E. K. Beeler** is working in his garden with a side trip to see kin folks in Etowah, Tenn. **Lew Skeel** is the proud owner of a new home.

Beta Two C Shift's **J. A. Coleman** vacationed at home in Clinton. **M. W. Oldham** moved into a new home just outside Fountain City. **Roger Brotherton** and family did their resting at Myrtle Beach, S. C. **Joann Baker** entertained her sister over a recent week end with trips to Cumberland State Park near Crossville; Lincoln Memorial University at Harrogate and Gatlinburg.

## INDUSTRIAL RELATIONS

Writing the Colyum was interrupted a minute ago while the CC was called on to sing in a “Happy Birthday” quartet to **Loren Lawhorn**, Wage Standards. Somebody found out the occasion last Thursday—but the bashful Loren only said “too many” when pressed for some statistical material. Somewhere around the publicly announced age of Jack Benny, he commented.

The Cafeteria welcomed newcomer **Frank Jinks** last week. **Johnson Robinson** spent last week visiting his mother in Montgomery, Ala.

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## LANKFORD-GLAZENER

Following their marriage on May 15, Mr. and Mrs. Troy Wayne Lankford now are at home at 224 West Purdue Ave., Apt. 210. The groom is a Y-12er in the Alloy Shop of the Mechanical Operations Division and the bride is with the Biology Division of the Oak Ridge National Laboratory in the Y-12 Plant Area.

The impressive double ring ceremony was performed at the Glenwood Baptist Church, Oak Ridge, with the Rev. Everett M. Sherwood, pastor of the Antioch Baptist Church, Athens, Tenn., officiating.

The bride is the daughter of Mr. and Mrs. Paul L. Glazener, Oak Ridge. Parents of the groom are Mr. and Mrs. Lyle C. Lankford, of Route 17, Knoxville. The groom's father is with the Y-12 General Machine Shop.

Given in marriage by her father, the bride selected for her wedding a gown of white taffeta and Chantilly lace with an overskirt of net and lace. Her flowers were white sweetheart roses on top of a Bible carried by her maternal great-grandfather through the War Between The States. Her jewelry included a small gold pendant watch, a family heirloom given her by a great aunt.

Mrs. Peter Norton Beilich, of Charlotte, N.C., was matron of honor. She wore a dress of apricot nylon chiffon with white accessories and flowers. Miss Marcia Denise Glazener was bridesmaid and wore an apricot chiffon dress with white accessories and flowers. The flower girl was Monalynn Glazener, wearing a blue nylon chiffon dress with white accessories and pink flowers. Gerald Lankford, Jr., was ringbearer.

Serving as best man was Lyle Duane Lankford, twin brother of the groom, of Atlanta. Ushers were Gerald W. Lankford, another brother of the groom, of Clinton; Reuben Ingram, Route 18, Knoxville; and Kendall Glazener, Oak Ridge.

A cake cutting was held immediately following the wedding rehearsal held on the night before the marriage, in accordance with an old Southern custom.

## Beta Four Building Sets Picnic July 9 At Lenoir

That Beta Four building frolic and picnic slated for Saturday of this week, July 9, at Lenoir City Municipal Park is expected to draw a guest list of more than 300 Y-12ers and members of their families. The function is being sponsored by the various departments in the building such as Special Projects, Technical Division; Beta Four Heavy Machine Shop, Mechanical Operations Division; and Mechanical Engineering, Engineering Division.

The festivities will start at 8 a.m. and continue throughout the day. A menu of T-bone steaks, chicken, ham and trimmings will be served and various contests and games will be staged. Boat owners may bring their craft and sail on Ft. Loudoun Lake, adjacent to the park.

## PLASTICS INDUSTRY GROWING

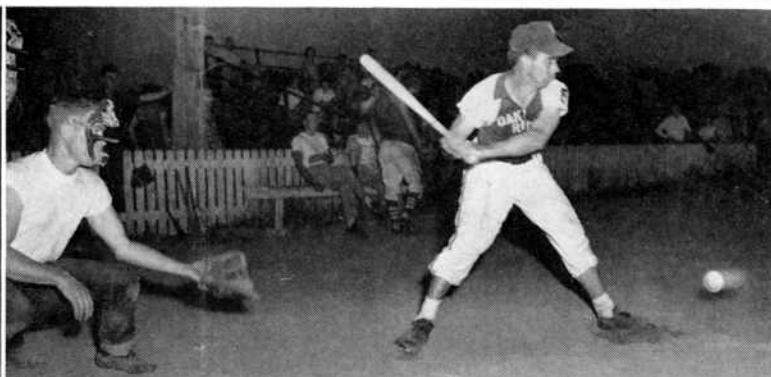
The plastics industry more than tripled in size during the 1950s. Production increased from 1.6 billion pounds in 1950 to 5.4 billion pounds in 1959.







**TWO OF THE REASONS THE Y-12 WHIZ KIDS** in the Carbide Fast Pitch Softball League got away to such a good start is the brother combination of J. D. Collins, catcher; and Ernie Collins, pitcher. Manager J. D. Collins is seen at left taking a



healthy swipe at the ball in a loop contest. Ernie, right, seems to have had better luck in making connections. Both brothers are veterans of the game and for years were stars of the fine Peerless team of Chattanooga.

## Whiz Kids Defeat Atoms By 17 To 1

The Y-12 Whiz Kids added victory No. 8 to their string last week in the Carbide Fast Pitch Softball League with a rousing 17 to 1 triumph over the Y-12 Atoms. The Whizzers blasted 14 safeties and took advantage of six Atom miscues. Meanwhile Don Matlock was pitching four-hit ball for the winners. He also blasted a home run. Included in the Whiz Kids attack were triples by Everitt and Chandler and doubles by Everitt, Forrester and Peters.

In the only other game last week, the schedule being curtailed by rain, the ORNL team licked the Oak Ridge Gaseous Diffusion Plant Shift Three outfit by 9 to 1. Line scores follow:

Team	R	H	E
ORNL	9	12	1
Shift Three	1	0	6

Batteries: ORNL, Spangler and Johnson. Shift Three, Bates and Billingsley.

## Martin-Patrick Top Loop At Harriman

Martin-Patrick held a one-point lead over Isham-Crass in the Harriman Golf League for Y-12 and ORNL links lovers after the 11th match of the season. Martin-Patrick beat Webster-Franzreb and Isham-Crass topped Henck-Lynn, each by three and one-half points. Four-point whitewash wins were recorded by Pickel-O'Keefe over Buttram-L. E. Brown, Tilley-Willmarth over Cuneo-Grimes and W. H. Brown-Ellis over McCoy-Stanley. Three and one-half point victories also were posted by Hamill-Thomas over Winters-Creswell and Bob Brown-Jordan over Magyar-Sharp.

League standing follows:

Team	W	L
Martin-Patrick	31	13
Isham-Crass	30	14
Willey-Willmarth	27	17
Creswell-Winters	26 1/2	17 1/2
Cuneo-Grimes	24 1/2	19 1/2
Hamill-Thomas	24	20
Henck-Lynn	23 1/2	20 1/2
Franzreb-Webster	21 1/2	22 1/2
Bob Brown-Jordan	21 1/2	22 1/2
W. H. Brown-Ellis	20	24
L. E. Brown-Buttram	19	25
O'Keefe-Pickel	18 1/2	25 1/2
Magyar-Sharp	14 1/2	29 1/2
Stanley-McCoy	7	37

## Management Hunts To Stress Safety

As a result of recent action by the State Game and Fish Commission, the 1960-1961 big game hunting regulations on Tennessee's game management areas now stress hunting safety, according to Forrest V. Durand, director. In the revised rules and regulations, Durand said, any management area hunt permit will be automatically voided if the permittee violates any of the rules and regulations governing the hunt.

In the interest of hunter safety in management areas, Director Durand points out that the new hunt regulations will be rigidly enforced.

## Lenoir Lead Hiked By Bowles-Koontz

The Clyde Bowles-Larry Koontz Y-12 team in the Lenoir City Golf League for Y-12 and ORNL players increased their lead in the standings during the week of June 27 with a whitewash win over Cabe-White, with K. Kingsbury subbing for Cabe. Meanwhile, the Collins-Watson combo dropped back one point in second place by taking only three points from C. E. and Tom Harris. In another match Carter-Morrison blanked Spradlin-Knowles for four and a two-point-each tie was played by Beckett-Frank Kennedy and Thompson-Rogers. Rutherford-Stinnett, Arrowood-Wray and James-Kinkaid each gained four points through forfeit wins when their opponents failed to appear.

Frank Kennedy had the low scratch round of 41 and Clyde Bowles had 42. Morrison fired a 35 and his partner Carter 36 for low handicap score.

League standing follows:

Team	W	L
Bowles-Koontz	32 1/2	11 1/2
Collins-Watson	29 1/2	14 1/2
Thompson-Rogers	27	17
Beckett-Frank Kennedy	26	18
James-Kinkaid	26	18
Carter-Morrison	24 1/2	19 1/2
Cabe-White	21 1/2	22 1/2
Arrowood-Wray	21 1/2	22 1/2
C. Harris-T. Harris	21	23
Schultz-Day	20 1/2	23 1/2
Rutherford-Stinnett	17	27
Spradlin-Knowles	14 1/2	29 1/2
Wright-Simmons	12 1/2	31 1/2
E. Kennedy-Ludlow	12 1/2	31 1/2

## Sawyer-Hendrix Get Lead At Whittles

The Sawyer-Hendrix team in the Whittle Springs Golf League for Y-12ers in the Knoxville area expanded their lead during the week of June 27 by whitewashing the runner-up team of Loy and Huskisson by three points. Wilburn-Wyrick took third place by beating the Schappel brothers for two. Three forfeit wins presented that many points each to Ratliff-Brown, Kovach-Marrow and Bishop-Norris. Morgan-Campbell took two points from Galle-Troutman and McNew-Cunningham beat Cook-Abele by the same score. Burrus-Miller took a similar decision from Ingle-Ball.

Hendricks had individual scratch scoring honors with a 37. Sawyer and Burrus tied at 39. In handicap scoring a three-way tie resulted with 33s by Hendricks, R. E. Schappel and Ball. Sawyer-Hendricks had the top team scratch score of 76 and tied with Morgan-Campbell at 68 in handicap.

League standing follows:

Team	W	L
Sawyer-Hendricks	21 1/2	2 1/2
Loy-Huskisson	18 1/2	5 1/2
Wilburn-Wyrick	17	7
Galle-Troutman	15 1/2	8 1/2
Burrus-Miller	15 1/2	8 1/2
Ingle-Ball	15	9
Morgan-Campbell	14 1/2	9 1/2
McNew-Cunningham	14	10
Cook-Abele	14	10
Ratliff-Brown	13	11
Schappel-Schappel	12 1/2	11 1/2
Kovach-Marrow	11	13
Bishop-Norris	11	13

Cooperation would solve many problems. For instance, freckles would be a nice coat of tan if they would just get together.

# Gatlinburg Site Of Third Y-12 Tourney Of Year

**Direct Application Should Be Filed For Golfing Carts**

Y-12 golfers are practicing up on their mountain climbing in preparation for the fourth plant tournament of the season scheduled for Saturday, July 23, at the beautiful Gatlinburg Golf and Country Club. The course is located in the Smoky Mountains foothills, just beyond Sevierville and has been praised by golfers from throughout the country for its beauty.

In anticipation of the event, many Y-12ers have made arrangements for themselves and families to spend the week end in the mountains.

**Applications Taken July 14**  
Applications for starting times in the Gatlinburg tournament will be taken on Thursday morning, July 14, beginning at 7:30 o'clock. The applications will be taken at the Recreation Department, Room 132-A, Bldg. 9704-2. Complete information about the tournament may be had from that office, plant phone 7109.

Foursomes will be started at seven-minute intervals, beginning at 7 a.m. and continuing until 10:30 a.m. All golfers are requested to be ready to start at least 20 minutes ahead of their scheduled starting time. Foursomes not ready to start on time will be placed at the end of the list of contestants.

**Only 15 Carts Available**  
Y-21 golfers wanting to rent the electric golf carts for the hilly Gatlinburg course must make their application directly to the golf club. There will be 15 carts available for the tournament and reservations may be made to Harry "Cotton" Berrier, Gatlinburg Golf and Country Club, Sevierville, Tenn. The telephone number is Sevierville 3912. Applicants are asked to give their own names as well as the person who will share the cart for the tournament.

Y-12 golfers again are requested to observe all the rules of golf etiquette in the Gatlinburg tournament. These include making every effort not to delay following players by taking too much time to hunt lost balls, remaining on greens after holing out to figure scores, replacing all fairway divots and ball marks on greens and not letting clubs or golf bags fall on greens.

## Y-12ers May Enroll For Golf Lessons

Golf lessons for Y-12ers and members of their families can be obtained at the Oak Ridge Country Club and the Deane Hill Country Club in Knox County. The course will consist of six lessons and will be given at 5 o'clock on Tuesday and Thursday afternoons at Oak Ridge and at 6 o'clock on the same days at Deane Hill. For further information Y-12ers are asked to communicate with the Recreation Department, Room 132-A, Bldg. 9704-2, plant phone 7100.

### REDS USE MORE FARMERS

In the Soviet Union one out of two workers is engaged in raising food. In the United States the ratio is one out of 10.



## Masters Take Lead In Pistol League

By taking both scratch and handicap honors from the Marksmen, the Masters team in the Y-12 Pistol League took over sole possession of first place. The Experts upset the Sharpshooters for two points to leave the two teams deadlocked for third place in the circuit.

Dave Alford fired a 281 scratch and 292.030 handicap score for the Masters in their victory and J. V. Ledbetter posted 255 and 291.495 for the winners. For the Marksmen it was E. C. Williams with 254 and 287.465 and T. J. Bush at 252 and 283.651. Tommy Swindell fired 253 and 287.413 to lead the Experts to their win as Ed Bailey had 237 and 281.503 for the Sharpshooters.

League standing follows:

Team	W	L
Masters	8	2
Marksmen	6	4
Sharpshooters	3	7
Experts	3	7

## Y-12er's Dog Wins Third In Trials

The potential young champion beagle hound owned by Harley Orange, of the Y-12 Alloy Shop, won additional honors recently in field trials held at Morristown, Tenn. The Y-12er's dog won third place in a group of 30 dogs in the event sponsored by the Twin Lakes Beagle Club. Out of six trials Orange's "Shady Dale Consistent Tom" has won two first and two third places in American Kennel Club sanctioned competition.

The next trial in which the Y-12er's dog will be entered will be the latter part of this month in Pennsylvania, Orange said. For this event Orange says he will employ a professional handler for the dog.

## Gambill-Hamby Get Lead In Ridge Loop

Gambill-Hamby resumed their hold on first place in the Oak Ridge Golf League for Y-12ers last week by wielding the whitewash brush over Wallace-Patterson for six points. Smith-Bartholomew, previously tied for first place, dropped four points to Boyd-Oliphant. Other whitewash wins were recorded by Emlet-Hines over Dehoney-Orrison, Hill-Hoppe over Belvin-Hopkins, Mee-McLendon over Ratjen-Davis and Mitchell-Tibbatts over Gregory-Kurtz. Thomson-Breman bagged five from Youngblood-Burkhart. Four-point triumphs were recorded by Holzknicht-Peckman over Underwood-Matthews, Cloyd-Hackett over Bailey-Stout and Kahley-Everitt over True-Earley. Brown-Roberts drew the bye of the week to gain six points without swinging a club.

Team	W	L
Gambill-Hamby	51	15
Smith-Bartholomew	47	19
Brown-Roberts	45	21
Hill-Hoppe	45	21
Mee-McLendon	40	26
Underwood-Matthews	39	27
Emlet-Hines	37	29
Boyd-Oliphant	36	30
Mitchell-Tibbatts	36	30
Belvin-Hopkins	35	31
Dehoney-Orrison	35	31
Holzknicht-Peckman	35	31
Cloyd-Hackett	34	32
Kahley-Everitt	33	33
Wallace-Patterson	32	34
Ratjen-Davis	32	34
Thomson-Breman	31	35
Youngblood-Burkhart	28	38
True-Earley	22	44
Gregory-Kurtz	20	46
Bailey-Stout	13	53

## Three Tilts Played In Y-12 Net League

Only three matches were reported played in the Y-12 Tennis League in men's singles last week. John Pridgeon won his second match of the season by downing Pete Rekemeyer 6-2, 6-1. Sam Campbell also made it two in a row by defeating Bill Harper 6-1, 6-0. A. M. Stephens made his loop debut by taking Ray Kuhn into camp by 7-5, 6-4, giving Kuhn a record of one won and one lost in the loop of eight players.



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Continued from Page 2

... Irene McCroskey is vacationing at home in Sweetwater, entertaining her daughter and granddaughter from Shreveport, La. ... Vena Mae Summitt and family are vacationing at Myrtle Beach, S. C.

The Boys in Blue and Gray of the Fire and Guard Department welcomed Guard A. T. Barger back to work last week after a bout with the miseries in Oak Ridge Hospital. ... Condolences are extended Guard E. Woods, whose brother-in-law died recently. ... Guard T. H. Allison is vacationing with relatives in Gaffney, Ala. ... "This little gal is taking herself up to the Smokies for a week—to cool off," says Liz Campbell, the blonde bombshell reporter for the Colym down there. "Big Chief" W. O. Elam is hereby appointed her stand-in for this week.

### MAINTENANCE

Golf playing and relative visiting will occupy the vacation time of E. L. Hendrix, Electrical, over in North Carolina. ... B. I. Scott scooted down to Baton Rouge, La., to see his son and family. ... Stay-at-homes are W. F. Smith in Oak Ridge and J. F. Johnson in Knoxville. ... F. W. Atkinson still is on the ailing list and receiving get well wishes. ... R. P. Rosenbaum was passing out cigars the other day in honor of the birth of his eight-pound, four-ounce son at Oak Ridge Hospital.

Research Services was represented on the Wagon Train that plodded between Murphy, N. C., and Tellico Plains, Tenn., over the Fourth of July week end by L. R. Bledsoe and J. B. Price and their sons. ... O. D. Miller went fishing at Dale Hollow Lake while vacationing. ... Della Lewis took in Myrtle Beach and other interesting spots. ... C. B. Bridges and family are up in Baltimore, Md. ... J. T. Calhoun rested up in West Tennessee. ... Charlotte Smith is visiting a brother in South Dakota. ... Sympathy is extended D. J. Wood, whose mother died recently.

### TECHNICAL

An automobile trip to Texarkana and Amarillo, Tex., to see kin folks is taking the vacation time of Ernest Rogers, Mechanical Inspection. The Y-12er also is accompanied by his mother, whom he will drop off at her home in Indiana on the return trip. ... The department is sorry to lose Tell Martin to Maintenance Planning, but wish him well in his new post. ... Jim Thompson week ended at Gatlinburg—playing golf in anticipation of the plant tournament there later this month. ... S. E. McCoy is vacationing at home in Oak Ridge, painting and fixing up the car he bought recently.

Radiation Safety radioed that M. L. "Doc" Bailey is spending a week in West Virginia. ... S. F. Sadler is home in Harriman. ... J. E. Cheek is wandering around Wise, Va. ... Get well wishes are sent the son of B. F. Rutherford—the youngster underwent a tonsilectomy last week in Oak Ridge Hospital.

Special Projects extends sympathy to Margaret Williams, whose uncle died recently in Birmingham, Ala. She attended funeral services there.

Spending a couple of weeks visit-



THE PROUD FATHER of this attractive youngster—little Miss Terry Van Blakey—is George Blakey, of the Y-12 Beta Four Heavy Machine Shop. Terry, 8, is a third grader at the Karns Elementary School and recently was runner-up in the school spelling bee.

## B Shift Announces Big Picnic, Outing At Concord, July 28

Y-12 B Shift employees have announced plans for a big picnic and outing to be held at Concord Park on Thursday, July 28. This affair will combine features of the previous ice cream suppers, hamburger fries and other special features staged by the shift last year. Festivities are scheduled to begin at 10 a.m. and continue until all are weary and want to go home, according to Ray Ellis, Alpha Four, chairman of the B Shift Recreation Committee.

In the refreshment line, there will be free watermelon, cantaloupe and ice cream as well as soft drinks. There will be prizes for all the youngsters present and five prizes for adults will be drawn for during the day. The drawings will be held "every hour on the hour," according to Chairman Ellis, and winners must be present to receive their awards. The prizes will be a croquet set, badminton set, barbeque grill, horseshoe pitching set and an electric battery lamp.

The youngsters will enjoy free swimming in the Concord Park pool and adults wanting to take their boats along can enjoy boating on Ft. Loudoun Lake.

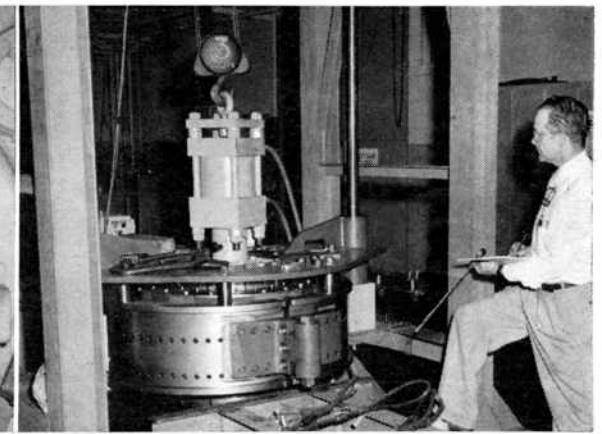
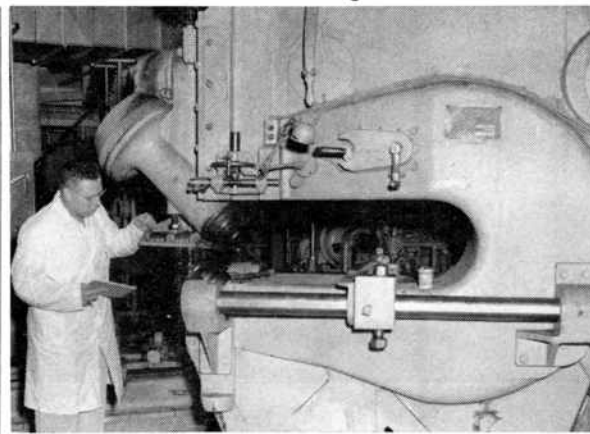
### PILOTS WARNED OF SPEED

Pilots at an American airplane show at Wethersfield, England, were ordered not to break the sound barrier in speed flying so as not to cause more broken windows in the town.

Mom: "What happened when you asked the boss for a raise?"  
Pop: "Oh, he was like a lamb."  
Mom: "What did he say?"  
Pop: "BAH."

ing Yankee relatives in Massachusetts is Ralph Kent, Special Testing.

That's all, folks.



ONE OF THE JOBS OF THE ENGINEERING DIVISION IS TO CHECK INSTALLATION of machinery to see that the equipment is properly and safely installed and ready for safe operation when put to use. At left C. J. Green, Mechanical Engineering, carefully checks placing of a heavy duty rotary shearer. The picture at right shows John E. Bennett, also of Mechanical Engineering, Tool Design Section, preparing to make design changes to a hydraulic expander.

## Rides Wanted, Offered

Ride wanted from West Knoxville to East Portal, straight day. Alfred Hume, plant phone 7714, home phone Knoxville 8-2082.

Ride wanted from vicinity Claxton School, Anderson County, to Central Portal, J Shift. Jim Grubb, plant phone 7598, home phone Claxton WH 5-2596.

Car pool members wanted from Cumberland Estates to West Portal, straight day. K. D. Thompson, plant phone 7596, home phone Knoxville 8-8149.

Ride wanted from 142 Hillside Ave., Oak Ridge, to North Portal, straight day. Pat Evans, plant phone 7763, home phone Oak Ridge 5-1939.

Riders wanted from Oakwood Section, Knoxville, to any portal through West, straight day. Nora Hurst, plant phone 7-8836, home phone Knoxville 4-4964.

Riders wanted from North Knoxville to any portal, straight day. H. L. Goldston, plant phone 7336, home phone Knoxville MU 7-9635.

## Two Y-12ers Are Promoted To Supervision On July 1



G. V. Wells C. A. Boyd

Two Y-12ers received promotions, effective July 1, to supervisory posts.

Claude Allen Boyd, of the Sunflower Shop in the Mechanical Operations Division, was promoted from machinist to foreman. He has been a Y-12er since January 4, 1953. The other advancement was given Glenn Vernon Wells, of the Mechanical Inspection Department of the Technical Division. He was promoted from hoist, vessel and equipment inspector to field inspector. He was employed in Y-12 on December 12, 1955.

If a man tells a woman she's beautiful, she'll overlook his other lies.



remember... ONLY YOU CAN  
PREVENT FOREST FIRES!

## Engineering Division Has Fine Safety Mark

Continued from Page 1

along without a blemish. The division has the responsibility of designing work and equipment throughout the plant so that every safety factor possible is considered and that work can be done in a safe manner. Division employees also follow through on jobs to assure that they are carried out in a safe manner.

The work of the Engineering Division is so diversified — office and field — that there is no accident frequency record available for the group as a whole. The only rate with which any comparison can be made is that for office personnel, which should be lower than for such a group as Engineering.

The latest available disabling injury frequency rate for office employees is 2.7 per cent disabling injuries per 1,000,000 man-hours. Had the Engineering Division experienced a similar number of lost time accidents, there would have been at least 14 disabling injuries during the 13 years without such a mishap.

Since there were none—it can well be assumed that 14 disabling injuries have been prevented in Engineering. This represents an

## Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next few days:

### 15 YEARS

Robert S. Burdette, Alpha Four, July 10.

Arnold K. Self, Colex Auxiliary Operations, July 11.

### 10 YEARS

Avis Collins, Production Control, July 8.

Ernest W. Greenlee, Process Maintenance, July 12.

Harvey C. Hankins, Special Projects, July 12.

### PENSION FUNDS GROWING

Pension funds in United States industry now total more than \$39 billion and are growing at the rate of more than \$4 billion annually.

estimated savings of approximately 3,600 man-days of work.

So every UCNC man and woman in the Y-12 Plant Area should doff their hats and congratulate Engineering for the fine job done—not only in contributing so substantially to the plant safety record but for keeping their own folks hale and hearty over all of those 13 years and two months.



GUYS AND GALS—YOUNG 'UNS AND GROWNUPS—all had a big time at the recent picnic and fish fry held by the General Machine Shop at Roane County Park. At top left is Ronald Gable, left, son of Tony Gable, right. Ronald won a lantern for landing a pound and three-quarter sauger pike. Ray Whitley, Jr., whose dad also is in the Machine Shop, is in center. Charley Myers is at left in the top right hand picture. His one-pound and seven-eighths-ounce largemouth won a reel. With him and helping hold the Myers string of fish is C. C. Chamberlain. At bottom left is Nancy Parrish, wife of W. A. Parrish, and her daughter, who won a spinning rod for landing a half-pound crappie. At right Geraldine Watson proudly displays a Coleman stove, awarded her for catching a one-pound, nine-ounce striped bass.